

Gagea villosa

Habitus and growth type

Plant height [m]: **0.13**

Life span: **Perennial**

Life form: **Geophyte**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Dispersal mode: **Myrmecochory, Anthropochory**

Dispersal distance class: **3, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.8**

Moisture indicator value: **3.6**

Reaction indicator value: **6**

Nutrient indicator value: **4.6**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.83**

Disturbance frequency (herb layer): **1.82**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.68**

Mowing frequency: **0.3**

Grazing pressure: **0.23**

Soil disturbance: **0.59**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) *Papaveretea rhoeadis*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [S71 Western Mediterranean spiny heath](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Synanthropic**

Distribution

Continentality: **5**

Continentality amplitude: **4**